

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-1 Please supply a copy of the ***Blue Book – Manual of Construction Practices*** (by Telcordia Technologies, Inc.) or copies of the relevant pages thereof concerning pole attachments in the communication space.

REPLY: Access to Telcordia Technologies, Inc. Blue Book - Manual of Construction Procedures (SR-1421 Issue 3 Published December 1998) is on a subscribership basis and protected by copyright law. Verizon New Hampshire (Verizon NH) will make a copy of the document available for viewing at its offices located at 900 Elm Street, Manchester, New Hampshire. To purchase a hard copy directly from Telcordia call 732-699-5828.

VZ #130

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Marianne Ryan
Title: Director-Construction
Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-2 Please supply copies of any other construction standards (besides the Blue Book standards) that govern the use of the communication space on a pole.

REPLY: Verizon NH considers certain information responsive to this request to be proprietary and competitively sensitive. It will be provided subject to confidential treatment in accordance with RSA 378:43 and a duly executed protective agreement.

The use of communication space on a utility pole is based upon whether a pole is solely- or jointly-owned. In addition to the Blue Book, requirements that Verizon NH follows are: 1) National Electric Safety Code, Article 225 Outside Branch Circuits and Feeders , Section 70-69, Issued 2002; and 2) Bellcore Practice BR 627-070-015 (included as a proprietary attachment). The NESC is a voluntary standard that has been recognized by the Commission (see, for example, Puc 413.01(a)) and has been incorporated into the IOP's.

For solely-owned poles Verizon NH follows the standards contained in the documents referenced above.

For jointly-owned poles, in addition to following the standards contained in the documents referenced above, Verizon NH's attachment height is determined by (1) the location of the power company attachments on the pole, including the necessary separation between the electric attachments and any other party on the pole, (2) maintaining proper separation

REPLY: (cont'd) between other parties that may be attached to the pole (e.g., CATV or CLEC) and (3) other miscellaneous factors such as the electric voltage, weight of Verizon NH's cable, the pole span and storm loading factors.

Finally, Article VI – Specifications and Legal Requirements in Verizon NH's standard pole attachment agreement requires Licensee's Facilities to be placed and maintained in accordance with the requirements and specification of the latest editions of the "Blue Book – Manual of Construction Procedures" (Blue Book), the "National Electrical Code" (NEC), the "National Electrical Safety Code": (NESC), and rules and regulations of the U. S. Department of Labor issued pursuant to the "Federal Occupational Safety and Health Act of 1970", (OSHA), or any governing authority having jurisdiction over the subject matter. Where a difference in specification may exist, the more stringent shall apply.

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

**Respondent:
Title:**

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-3 Please provide a copy of the construction standards that govern the use of electric space on a pole.

REPLY: Verizon response not required.

VZ #132

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-4 Please describe the process by which a municipality or the State of New Hampshire Department of Transportation (NHDOT) obtains the right to attach to utility poles and/or occupy conduit space in order to build an intra-government network for government use only. For example, is a Pole Attachment or Conduit Occupancy Agreement typically executed with the owner or joint owners of the poles and conduit? Are such agreements ever executed by municipalities or the NHDOT? If so, when? Does the municipality or NHDOT typically apply for a license and pay related fees, such as engineering survey fees, make-ready costs, and prevailing pole attachment and/or conduit occupancy fees? Would a municipality or NHDOT ever apply for a license or pay such fees? Please identify any such instances. Please explain your answers fully and provide the basis for the process typically undertaken, including, where appropriate, a citation to the rule, tariff, ordinance or statute that supports your assertion.

REPLY: Although not required by tariff, rule, ordinance or statute, it is Verizon NH's policy to allow non-CLEC and non-CATV entities (including municipalities and State Departments of Transportation) access to Verizon NH's poles and conduits if that entity meets the requirements for executing a pole attachment/conduit occupancy agreement. The requirements for obtaining a pole attachment or conduit occupancy agreement are contained in Verizon's Procedures # 3 and 9, copies of which are attached. When a municipality or the State of New Hampshire Department of Transportation (NHDOT) needs to attach their facilities to utility poles and/or occupy conduit space in order to build an intra-government network for government use only, a Pole Attachment or

REPLY: (cont'd) Conduit Occupancy Agreement needs to be executed with the joint owners of the poles and/or with the owner of the conduit. Once the pole/conduit agreement is established specific poles or sections of conduit may be licensed. The municipality or NHDOT must pay for the cost of surveys and any make-ready work associated with a license application. Pole attachment fees/conduit occupancy fees would apply. Verizon NH has executed pole attachment agreements with several municipalities in New Hampshire. Please see Verizon NH's response to Staff 4-10 for a list of those agreements. Currently, no municipality has requested or executed a conduit occupancy agreement with Verizon NH in the state of New Hampshire.

VZ #133

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-5 Please describe the process by which a municipality or the State of New Hampshire Department of Transportation obtains the right to attach to utility poles and/or occupy conduit space in order to offer competitive services for use by the general public. For example, is a Pole Attachment or Conduit Occupancy Agreement typically executed with the owner or joint owners of the poles and conduit? Are such agreements ever executed by municipalities or the NHDOT? If so, when? Does the municipality or NHDOT typically apply for a license and pay related fees, such as engineering survey fees, make-ready costs and prevailing pole attachment and/or conduit occupancy fees? Would a municipality or NHDOT ever apply for a license or pay such fees? Please identify any such instances. Please explain your answers fully and provide the basis for the process typically undertaken, including, where appropriate, a citation to the rule, tariff, ordinance or statute that supports your assertion.

REPLY: Verizon NH's process when a municipality or the State of New Hampshire Department of Transportation (NHDOT) wishes to attach to utility poles and/or occupy conduit in order to offer competitive services for use by the general public is the same as its process for intra-governmental networks for government use only. Please see Verizon's response to Staff 4-4.

VZ #134

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-6 Please provide procedures and actual practices for municipalities' or their subcontractors' placement, replacement, maintenance and repair of municipal communication equipment in reserved space on the poles.

REPLY: The requirements and procedures for placement, replacement, maintenance and repair of municipal communications equipment can be found in the municipalities' executed pole attachment agreement. Unauthorized attachments or attachments that do not conform to Verizon NH's pole attachment requirements and procedures are subject to removal and all costs associated with identifying, correcting and/or removing municipal communications equipment are to be borne by the owner of the unauthorized attachment. Instructions for obtaining / viewing Verizon NH's template pole attachment agreement was provided in Staff 1-22.

VZ #135

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Troy McDonald

Title: Joint Lines Specialist – ME, VT, NH

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-7 Please provide a sample of all joint ownership agreements or IOPs that recognize reserved municipal space on poles.

REPLY: The table below specifies the location in the Agreements and IOPs previously submitted in Staff 1-22 which references the reservation of municipal space on poles.

Agreement	Section Reference
VZ - Unith	Article 6: "Municipal Space" & IOP #5: "Assigned Space", Attachment "A", footnote 1
VZ - PSNH	Article 6: "Municipal Space" & IOP #3: "Joint Poles - Allocation of Space", Attachment "A", footnote 3
VZ – National Grid	Article 7: "Municipal Space" & IOP "A": "Joint Poles", section 2(b)
VZ - NHEC	IOP #4: "Allocation of Space and Division of Cost on Joint Use Poles", section "D"
VZ-Town of Ashland	Article 6: "Municipal Space" & IOP #2: "Assigned Space", section 3
VZ - Littleton Water & Light	Article 2: "Municipal Space" & Article 3: "Assigned Space", note 1
VZ - New Hampton Village	Article 6: "Municipal Space" & IOP #2: "Assigned Space", section 3
VZ - Wolfeboro Electric Dept	Article 2: "Normal Space", section 3
VZ - Woodsville Water & Light	Article 6: "Municipal Space" & IOP #2: "Assigned Space", section 3

VZ #136

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Troy McDonald

Title: Joint Lines Specialist – ME, VT, NH

Respondent: Gloria Harrington

Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-8 Please provide the procedure, policy, joint ownership agreement or IOP that permits Verizon to reserve a specific space on each pole.

REPLY: Specific sections of the agreements & IOPs, previously submitted in Staff 1-22 define the division of pole space for both the electric industry and the communication industry based on the size of the pole, space requirements for each utility, municipal space and pole setting depth.

In addition, Article 7.1.2 of Verizon's Pole Attachment Agreement states, "Licensor shall specify the point of attachment on each of Licensor's poles to be occupied by licensee's attachment. Where multiple Licensees' attachments are involved, Licensor shall attempt, to the extent practical, to designate the same relative position on each pole for each Licensee's attachments." Therefore, it would follow that Verizon NH's facilities would also occupy the same relative position on each pole.

Only if Verizon NH has a "fully engineered plan"(a plan that has been engineered, approved and funded) and construction will commence within one year would the space required to complete that job be considered "reserved" and not available to other carriers.

VZ #137

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-9 Please provide the procedure and actual practice for assessing make-ready costs on poles when municipalities attach their communication equipment.

REPLY: Please refer to the document entitled "Procedure # 3" included as an attachment to Verizon NH's reply to Staff 4-4. Also refer to Article V of Verizon NH's template Pole Attachment Agreement entitled, "Pre-Construction Survey and Make-ready work" identified in Verizon NH's reply to Staff 1-22.

VZ #138

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-10 Referencing your response to Staff 3-15, please identify all municipalities currently using space reserved for municipal purposes on poles for which you have sole or joint ownership or a joint use interest, for copper wire or other communications, including safety and emergency communications among municipality offices, police, fire and others.

REPLY: Verizon NH considers certain information responsive to this request to be proprietary and competitively sensitive. It will be provided subject to confidential treatment in accordance with RSA 378:43 and a duly executed protective agreement.

Verizon NH does not keep records of municipalities that have one-way, low-voltage police and fire signaling circuits attached to Verizon NH's solely owned, joint owned or joint use poles. Verizon NH does maintain records of those municipalities that have executed pole attachment agreements. A list of those municipalities and the type of pole attachment agreement that has been executed with Verizon NH and the municipality is included as a proprietary attachment.

VZ #139

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-11 Please provide the policies and actual practices relating to any restrictions on the type of facilities or communication equipment that may be attached to poles by municipalities in the communication space.

REPLY: Verizon evaluates all proposed Licensee attachments to be placed in the communications space on poles including those belonging to municipalities on a case-by-case-basis. Verizon assesses the proposed attachments for size, weight, safety, and potential transmission interference.

VZ #140

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Alan Cort
Title: Director - Regulatory

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-12 Please provide the practice by which space on the poles reserved for municipal purposes is included, or excluded, for the rate base calculation.

REPLY: Verizon NH includes pole assets in its asset base based on Verizon NH's ownership expressed as full pole equivalents (FPE), where a Verizon NH solely-owned pole equals 1.0 FPE and a jointly-owned pole equals 0.5 FPE. Since attachées, including municipalities, lease, rather than own, space on Verizon NH's poles, there is no allocation of the leased space in determining the number of Verizon NH FPE's in the asset base.

VZ #141

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-13 Please provide your policy regarding licensees on poles who have overlashed new facilities to their own facilities or the facilities of others already installed on the poles.

REPLY: Verizon's policy and procedures for "Placing an Additional Licensee's Cable on Same Licensee's Previously Licensed Aerial Pole Attachments" (commonly known as "Overlash") can be found in APPENDIX VI of Verizon NH's Pole Attachment Agreement Template. If two different Licensees wish to overlash to each other, the Host (existing Licensee) must provide a letter to Verizon authorizing the overlasher to attach their facilities to the Host's facilities. The overlashing party must execute a pole attachment overlash agreement with Verizon. The overlashing party is not billed pole attachment fees for overlashing its facilities to the host attacher. Please see Attachment for Verizon's Procedures for Overlash by Two Different Licensees.

VZ #142

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Troy McDonald

Title: Joint Lines Specialist – ME, VT, NH

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-14 Referencing your response to Staff 1-29, please provide the process and actions you follow for applying for a license for a new pole or a location for a pole from a municipality (for municipal rights of way) or the state (for state rights of way), pursuant to RSA 231:159-182, inclusive.

REPLY: Based on information provided in the Engineering Work Order (EWO) the Verizon NH Right-of-Way department prepares the State and/or Municipal location permit application and forwards the appropriate number of copies to the corresponding power company for their signature. Once the power company returns the signed application forms to Verizon NH the fully executed documents are then forwarded to the State and/or Municipal licensing authority for review and issuance of the pole location permit(s).

VZ #143

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Troy McDonald

Title: Joint Lines Specialist – ME, VT, NH

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-15 Please provide samples (both presently used and historically used) of petitions to municipalities for pole licenses, including global and individual poles license petitions.

REPLY: Please see attached documents.

VZ #144

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

**Respondent:
Title:**

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-16 Are you aware of any unlicensed utility poles in your jurisdictions? If so, please provide an approximate number by town to the extent you are able.

REPLY: Verizon response not required.

VZ #145

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

**Respondent:
Title:**

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-17 Do you perceive unlicensed poles as a problem in your jurisdictions? If so, please explain why.

REPLY: Verizon response not required.

VZ #146

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Troy McDonald

Title: Joint Lines Specialist – ME, VT, NH

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-18 Are you aware of any unlicensed poles in the right-of-way in the towns in your franchise areas? To the extent you are able, please quantify by town.

REPLY: Consistent with longstanding practice in many municipalities in New Hampshire, Verizon NH has an informal practice by which poles are set once Verizon NH has completed the process as outlined in Verizon NH's reply to Staff 4-14 but prior to receipt of the official permit from the town. Over the past five years, however, the City of Rochester has neither issued the permits nor notified Verizon NH that its applications have been denied. Due to the lack of such notice and in light of Verizon NH's obligation to provide service to the residents of the City of Rochester, the poles in question have been set pursuant to the practice described above.

VZ #147

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Serge Laprise
Title: Manager – OSP Engineering

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-19 How does your company efficiently budget and manage utility relocations for municipal road projects. Does the process change in cases when those projects are initiated with short or no advance notice? If so, please explain how the process is different.

REPLY: Verizon NH manages utility relocation projects by assigning a dedicated engineer to project manage all NH DOT roadwork and larger municipal projects. Budgets for relocation work are allocated yearly based upon historical data and adjusted as necessary.

The budgetary and engineering processes for handling projects that arise with little or no advance warning do not change. A short notice project will, however, affect the project management aspect of the project in several ways. Although every public works project is different, a shorter interval limits the flexibility to deal with conflicts and/or obstacles such as: ROW issues, private property, tree trimming, ledge, etc. In addition, the type and extent of the existing facilities can have a significant impact on relocation time frames. The end result is an expectation that may be infeasible to meet; resulting in hardships for the utilities, the municipalities and the contractor.

VZ #148

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

**Respondent:
Title:**

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-20 Do you follow the New Hampshire Department of Transportation's *Utility Relocation Process – Scheduling Guidelines* (see Attachment NHDOT Utility Relocation Process (Scheduling Guidelines) to Verizon NH's response to Staff 1-37) on the administration of public works projects when undertaking a public works project in your municipality? If not, why not? Please provide a copy of the administrative guidelines that you follow.

REPLY: Verizon response not required.

VZ #149

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Serge Laprise
Title: Manager – OSP Engineering

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-21 What do you recommend to improve municipal road project coordination?

REPLY: Coordination on municipal road projects could be improved through the following initiatives:

- Adopt and follow the NH DOT process for administrating road and bridge work.
- Prior to “going to bid”, municipalities should 1) provide adequate notice to all utilities of work to be performed; 2) determine an “approved” location for the new structure; 3) identify potential conflicts; and 4) in conjunction with the affected utilities, establish time frames for relocation work.
- Municipalities should work cooperatively with utilities in resolving issues such as private property road blocks relating to the location of supporting structure, tree trimming, and working with all utilities in resolving conflicts that impede progress and may require redesigns, causing additional hardships and delays.
- Municipalities should provide better on-site coordination. Utilities are often forced to work around contractors, which results in delays, extending time frames and adding costs for all parties.

VZ #150

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Troy McDonald

Title: Joint Lines Specialist – ME, VT, NH

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-22 Provide procedures and actual practices for notifying and/or seeking permission from municipalities for emergency and routine maintenance in the right-of-way, organized by municipality.

REPLY: Per NH RSA, Title XX Transportation, Section 231:171, renewal and replacement poles, replaced due to emergency or routine maintenance, which are to be placed in the approximate location originally licensed or in a location which is reasonably necessary in making such renewal, does not require the application of a new pole location permit. If a pole is to be placed due to routine maintenance, at a greater distance than the originally permitted location, a new location permit would be submitted; utilizing the process as outlined in Verizon NH's reply to Staff 4-14.

VZ #151

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Gloria Harrington
Title: Manager

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-23 Please provide procedures and actual practices for communication with municipalities that use the communication space on poles.

REPLY: When a new licensee executes a pole attachment agreement with Verizon NH, one of the initial requirements is for the Licensee to provide Verizon NH with a completed Customer Profile (see Pole Attachment Agreement Appendix II, Customer Profile Form - Attached). The various contacts provided on the form are used to communicate with the Licensee specific to a particular issue – insurance, billing, emergency contacts, transfer notices, and legal notices. It is incumbent upon the Licensee to provide Verizon with updates to its Customer Profile on an as needed basis. Communication occurs with these various Licensee contacts as required by the terms and conditions throughout the pole attachment agreement, or as otherwise necessary. For example, if Verizon NH needed to notify a Licensee to rearrange its facilities on a pole to accommodate another Licensee's attachments, the contact for transfer notices would be notified in accordance with Articles 7.1.5 and 7.1.6 of Verizon NH's Pole Attachment Agreement.

VZ #152

**Verizon New England Inc.
d/b/a Verizon New Hampshire**

State of New Hampshire

Docket No. DM 05-172

Respondent: Serge Laprise
Title: Manager – OSP Engineering

REQUEST: New Hampshire Utilities Commission Staff, Set 4

DATED: April 21, 2006

ITEM: Staff 4-24 In the event that a public works project, either municipal or state, calls for utilities to temporarily relocate their facilities before moving them to their final location at a later date in the project, should the utilities be compensated for the temporary relocation work? If your answer is no, please explain why and provide the basis for your rationale, including a citation to any rule, tariff, ordinance or statute that supports your assertion.

REPLY: Yes, utilities should be compensated for temporarily relocating their facilities during the course of a public works project.

VZ #153